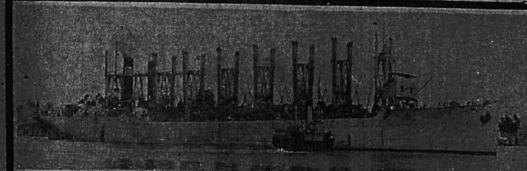
SWITH PEN and CAMER.A

The First Electric Battleship







Electric Collier Jupiter

Uncle Sam Plans A Surprise for the Naval World In the Construction of the First and Only Electric Battleship - The New U. S. S. California To Be Propelled and Operated Solely By Electricity.

By Waldon Fawcett.

N these piping times of war when all the other leading naval powers on the planet are flercely flying at each other's throats your cartully waiting uncle Sam is elly planning a sizeable surprise maritime circles. Thanks to Uncle maritime circles. Thanks to Uncle
the day is coming when the capi of a battleship will personally put
vessel through all her paces and
neuvers by simply pressing buttons
he stands on the bridge of the
p. From "Full speed ahead" to
all speed astern" will, in emertor, become an accomplished fact,
traily quicker than you could say
tok Robinson." Nor need such
token change of mind and of objecis he accomplished by racking and
the day is coming when the captoken change of the
type of battleship yet designed for the
ty

Before an accomplished by racking an enging a throughly all particularly one better in any other particular and appropriately enough, since 1 Olden Gais State is a commerce of the agent and proved that the particular and proved the particul

U.S.S. California as She will Appear when Completed

environment than it is in the merchant environment than it is in the merchant marine. The ordinary conditions of peace prescribe that our battleships shall do a considerable amount of cruising but from considerations of economy and other reasons it is desirable that they do this at low or moderate speed. But when trouble brews they may be called upon, literally at a moment's notice to work up to top speed. It is in just this sort to top speed. It is in just this sort of versatility that electrical propelling How this will work out in the case of the California is most interesting. The battleship will be fitted with four screws or propellers—something familiar in the case of our ocean grey-hounds but comparatively new practice in the case of battleships. There will be two separate and complete electrical installations, each furnishing power, for, two screws when the vessel is racing through the water at top speed. But the beauty of the arrangement is that it will always be possible, if circumstances dictate, to operate all four screws by means of one generator. The advantage of such arrangement in the event of an accident to one generator is obvious but

A Delachment of Coopacks Read A RUSSIST Soldier on the Street IN MOSCOW -"Good health, high born!" or words wheat could feed all of Surpe II messessary.
Not only is Russia able to feed hereaf been in fine of war, but sha will carry on the hereaf seven in fine of war, but sha will carry on the heart seven though they show that death will be their fate but shaded from Sheria by the thousand are accepted, and owing to the expense of keeping and owing to the expense of keeping will owing to the expense of keeping will be the such as accompanied to the butters of the surpers of to that effect. The men repay their officers for this kindness with a dog-

How This Vast Body of Russian Peasantry Are Made Into Soldiers - Perfect Obedience To Officers - How They Manage ToExist On Their Small Salaries.

USSIA until recently has been regarded as just emerging from a state of semi-barbarism, as for centuries she has stood for every principle of government at variance with Anglo Saxon liberty and individual freedom. Her defeat by Japan, though unexpected, was not altogether regretted, but that defeat was a blessing in disguise. It showed Russia the weakness in her military organization, and above all the necessity for a feeling of patriotism and doysliy among her people. It taught her what she was beginning to learn by slow stages—the advantages of a commerce, and her industrial development during the last ten years has

ommerce, and her industrial devel-pment during the last ten years has sen the marvel of the age.

The Land of the Bear was not whol-r unprepared for war, and when the sclaration came she had nearly a lillion dollars as a gold reserve laid p in her treasury. Besides this, she a self-supporting, for her vast fields of wheat corn, rea data and buck wheat, corn, rye, cats and buck-test could feed all of Europe if

heat could feed all of Europe if seessary.

Not only is Russia able to feed erself even in time of war, but she rich in men for the army as well, ore than one million men become allable for military service each tar. Of these only about four hunded and fifty thousand are accepted.

to service for life in return for the

to service for life in return for the use of some of the Crown Lands in Russia and Siberia.

At least sixty-five per cent of the Russian conscripts can neither read nor write. The officers frequently have to teach them their alphabet, and many other things, for they are little short of barbarians when they enter the service.

Very few of the privates marry as the government rather discourages marriage on such a small salary unsless the soldier's father is willing to take the young woman into his household while the young man is serving. It is no smoomnion thing for a father to practically force his son to marry some strong, healthy peasant girl in order to have her help to support the family while the husband is away.

Swear Fealty To Czar.

Swear Fealty To Czar, Each man swears fealty to the CzarBach man swears fealty to the Czarwhen he becomes eligible for the
army. This is done with no little
ceremony before a priest of the Greek
Church. The Russian soldier carries
his religion with him to the battlefield
and when a charge is to be made the
chaplain leads the regiment bearing
the Cross-aloft as the men rush toward the enemy, not infrequently lea-

the Cross aloft as the men rush to-ward the enemy, not infrequently los-ing his life.

On Sundays and holidays the army spes to church either indoors or out.
The outdoor service is picturesque, with the field altar, sorgeous vest-ments of the priest and kneeling so-diers rendering the beautiful chants used in the Greek service.

Clothes And Equipment.

Clothes And Equipment.

The uniform of the soldier is both strong and warm—rough gray coats, waterproof top-boots and warm caps. All unnecessary ornaments are dispensed with. He carries (if he is an infaniryman) what is called a "3 line" rifle—a modification of the Krag Jorgan rifle of 1851. It is said to kill at a distance of two miles and can be sighted for three thousand feet. His bayonet is always "fired."

The parties of afty dollars per month. The higher officers are permitted to use one or more soldiers as servants in order to lessen their expenditure.

The pay of a Russian private is from this a servent of according to twenty cents per month while a servesant draws the munificent sum of sixty-three tents per month unless these men receive help from home or by doing extra work when of duty the financial end of the service ward with Germany, others with the Austrians, while still another body of men has invaded Turkey. The struggle bids fair to be a long one, and whatten in the field today—some of them engaged with Germany, others with the Austrians, while still another body of men has invaded Turkey. The struggle bids fair to be a long one, and whatten for the struggle bids fair to be a long one, and whatten for the first in numbers of men—solders who it is believed will give a road account of themselves in endurance, tenacity and brayeczy.